

CLAIMS

I claim:

1 1. A geospatial entity object code (GEOCode) comprising a
2 single concatenated numeric geospatial data format or an
3 encapsulated object class, converted from global positioning
4 system coordinates in latitude and longitude format or decimal
5 equivalent format and additional spatial information.

1 2. The GEOCode according to claim 1, in combination with
2 converting means for converting global position system
3 coordinates in latitude and longitude format or decimal
4 equivalent format and additional spatial information into the GEO
5 code for encoding onto a video frame at a time of media
6 acquisition.

1 3. The combination according to claim 2, further
2 comprising:

3 encoding means for encoding geospatial data onto a data
4 segment of a video frame at a time of geospatial data
5 acquisition.

1 4. The combination according to claim 3, further
2 comprising:

3 capturing means having a geospatial receiver interconnected
4 with a focus element at a first location, said capturing means
5 being configured for capturing information of an entity at a
6 second location, and geospatially referencing the second location
7 to the first location in accordance with a focus ratio of the
8 focus element and geospatial data associated with the geospatial
9 receiver.

1 5. The combination according to claim 4, further
2 comprising:

3 scheduling means for scheduling requests for acquisition of
4 geospatial data, said geospatial data including visual, audio,
5 textual, and geospatial information.

1 6. The combination according to claim 4, further
2 comprising:

3 production means for producing integrated geospatial
4 datasets.

1 7. The combination according to claim 4, further
2 comprising:

3 distribution means for distributing geospatial datasets.

1 8. Acquisition means for acquiring geospatial data, said
2 acquisition means comprising:

3 encoding means for encoding geospatial data onto a data
4 segment of a video frame at a time of geospatial data
5 acquisition;

6 capturing means having a geospatial receiver interconnected
7 with a focus element at a first location, said capturing means
8 being configured for capturing information of an entity at a
9 second location, and geospatially referencing the second location
10 to the first location in accordance with a focus ratio of the
11 focus element and geospatial data associated with the geospatial
12 receiver; and

13 converting means for converting global positioning system
14 coordinates in latitude and longitude format or decimal
15 equivalent format and additional spatial information into a
16 single concatenated numeric geospatial data format or an
17 encapsulated object class for encoding onto a video frame at a
18 time of media acquisition.

1 9. The acquisition means according to claim 8, further
2 comprising:

3 scheduling means for scheduling requests for acquisition of
4 geospatial data, said geospatial data including visual, audio,
5 textual, and geospatial information.

1 10. The acquisition means according to claim 8, further
2 comprising:

3 production means for producing integrated geospatial
4 datasets.

1 11. The acquisition means according to claim 8, further
2 comprising:

3 distribution means for distributing geospatial datasets.

1 12. A geospatial information processing method comprising:
2 providing global positioning system coordinates in latitude
3 and longitude format or decimal equivalent format and additional
4 spatial information; and

5 converting the global positioning system coordinates into a
6 single concatenated numeric geospatial data format or an
7 encapsulated object class.

1 13. The geospatial information processing method according
2 to claim 12, further comprising:

3 scheduling requests for acquisition of geospatial data, the
4 geospatial data including visual, audio, textual, and geospatial
5 information.

1 14. The geospatial information processing method according
2 to claim 12, further comprising:

3 encoding geospatial data onto a data segment of a video
4 frame at a time of geospatial data acquisition.

1 15. The geospatial information processing method according
2 to claim 12, further comprising:

3 interconnecting a geospatial receiver with a focus element
4 at a first location.

1 16. The geospatial information processing method according
2 to claim 12, further comprising:

3 capturing information of an entity at a second location.

1 17. The geospatial information processing method according
2 to claim 12, further comprising:

3 geospatially referencing the second location to the first
4 location in accordance with a focus ratio of the focus element
5 and geospatial data associated with the geospatial receiver.

1 18. The geospatial information processing method according
2 to claim 12, further comprising:

3 producing integrated geospatial datasets.

1 19. The geospatial information processing method according
2 to claim 12, further comprising:
3 distributing geospatial datasets.